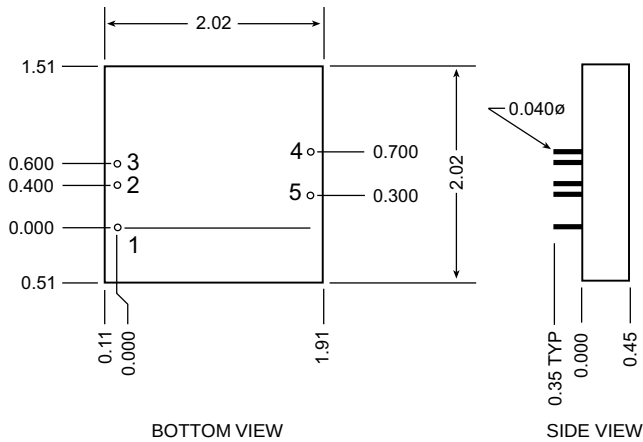


15 Watt CD Single Series DC/DC Converters



Case Dimension



PIN	FUNCTION
1	CASE
2	-INPUT
3	+INPUT
4	+5V
5	CMN

Specifications

Model		48S5.3000CD
Features		Wide Input Range
Power		15.0 Watts
Input Parameters		
Input Voltage Range	min	18.0 VDC
	typ	48.0 VDC
	max	72.0 VDC
Efficiency	typ	80%
Switching Frequency	typ	220 kHz
Output Parameters		
Output Voltage	min	4.925 VDC
	typ	5.000 VDC
	max	5.075 VDC
Rated Load Range	min	500 mA
	max	3000 mA
Load Regulation Min to Max Load	typ	0.2%
	max	0.4%
Line Regulation Vin = Min to Max	typ	0.03%
	max	0.20%
Noise, 0 to 20 MHz bw	typ	50 mV p-p

General Specifications

Isolation		
Isolation Voltage Input to Output 10 μ A Leakage	min	1544 VDC
	typ	400 pF
Environmental		
Case Operating Temperature Range, No Derating	min	-40°C
	max	85°C
Storage Temperature Range	min	-55°C
	max	105°C

Specifications subject to change without notice.